

Above Average Temperatures

Seven days were suitable for fieldwork during the week ending June 26, according to the USDA-NASS-Michigan Statistical Office. Precipitation amounts ranged from 0.10 inches in the east central Lower Peninsula to 0.37 inches in the northwest and west central Lower Peninsula. Average temperatures ranged from 4 degrees above normal in the east central and southeast Lower Peninsula to 9 degrees above normal in the western Upper Peninsula. Unseasonably hot temperatures occurred across the State, with scattered showers. Crop conditions depend on the hit-or-miss nature of showers, but most areas reported crops were stressed by the dry conditions. One farmer in southwest stated, “The corn looks as good as I have ever seen at this time of the year.” Another farmer in the southeast mentioned, “Depending on where the thunderstorms hit, this has either been one of the wettest Junes on record, or one of the driest.”

Field Crops

Hot, dry weather persisted through the week. The end of the week brought scattered thunderstorms and severe weather. Despite the localized rainfall, most areas reported soil moisture as being short, with drought like conditions. **Corn** growth varied. Some areas saw limited growth due to high temperatures and a lack of precipitation. Areas with adequate soil moisture saw more growth. **Soybean** growth also varied. In southern regions of the State, there have been reports of brown leaf spot. **Sugarbeet** fields looked good and many were filling out. The first cutting of **alfalfa** was nearly complete this week in dry weather. There were limited reports of a second cutting. **Winter wheat** began to turn in some areas. There was evidence of scab in some fields. **Oats** headed out and looked good in warm, dry weather. There were some reports of cereal leaf beetle. **Barley** also continued to look good. **Dry bean** planting neared completion. Growth varied from just planted to two trifoliate leaves present.

Soil moisture for week ending 06/26/05

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	27	29	43	1
Subsoil	16	31	50	3

Crop condition for week ending 06/26/05

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	3	8	38	41	10
Barley	1	1	28	58	12
Corn	1	5	33	47	14
Oats	2	3	21	60	14
Pasture	7	17	37	33	6
Soybeans	1	7	35	45	12
Winter Wheat	1	10	31	51	7

Fruit

In the southwest, **apples** continued to drop. The northwest reported few pests, while in the southwest, green apple aphids remained common. In the southeast, there was grower concern of over-thinning. Fruit reached over 1 inch in diameter in the west central. **Sweet cherry** harvest began in the southwest. In the southeast, sweet cherries were approximately 19 mm in diameter. Dry conditions in the west central caused slow sizing of sweet cherries. Powdery mildew was seen in the northwest. In the southwest, producers were preparing **tart cherries** for harvest. In the southeast, tart cherries were sized at 18 mm. Leaves showed signs of bacterial spot. Tart cherries in the west central were also affected by dry conditions but continued to color. **Peach** pit hardening continued in the southwest. In the southwest, **apricots** began to ripen. Wine **grape** bloom began in the northwest and ended in the southwest. Grapes showed about 18 to 24 inches of new growth. **Blueberries** were coloring in the southwest. The southeast crop sized at 10 mm in diameter. **Strawberry** harvest neared completion in the southwest and continued in the southeast.

Vegetables

Vegetable crops were doing well for the most part; however, rainfall is much needed throughout the State. **Asparagus** harvest was completed in many areas with some post-harvest herbicides applied to the crop. **Cabbage** harvest continued and many fields showed good quality. **Carrots** and **onions** continued to grow well. **Pepper** plants appeared small but were growing well. **Potatoes** were still in full bloom. **Pumpkin** plants germinated and showed three to four true leaves in the southwest. **Snap bean** plantings continued to do well and in some areas were beginning to flower. **Sweet corn** was growing rapidly. **Squash**, **zucchini**, and **cucumbers** continued to be harvested in many areas. **Spinach** harvest was completed. **Tomatoes** for processing and fresh market were developing very nicely and were showing some first fruits.

Crop progress for week ending 06/26/05

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	20	14	16	14
	Percent	Percent	Percent	Percent
All hay, first cutting	83	71	59	68
Dry beans, planted	93	64	84	87
Dry beans, emerged	41	39	46	51
Oats, headed	76	59	50	51
Potatoes, emerged	95	92	96	NA
Strawberries, harvested	77	57	87	73
Tart cherries, harvested	1	NA	2	1
Winter wheat, turning yellow	61	22	42	NA

Michigan Weather Summary for Week Ending 06/26/05 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2005	2004	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	93	50		807	540		0.00	1.06	2.00	6.51		
Marquette	88	45		731	483		0.13	1.45	2.58	7.46		
Stephenson	91	46		813	668		0.20	1.03	2.35	5.56		
Western UP	93	45	9	756	531	613	0.19	1.31	2.60	6.30	8.75	3.61
Cornell	92	50		715	540		0.15	0.30	0.80	4.69		
Sault St Marie	85	48		670	378		0.29	0.73	1.26	4.12		
Eastern UP	92	36	8	679	444	475	0.31	0.82	1.26	4.78	8.15	3.26
Beulah	91	49		915	676		0.66	0.85	0.93	4.06		
Lake City	93	45		858	687		1.02	1.17	1.82	5.45		
Old Mission	94	49		844	609		0.02	0.32	0.65	3.57		
Pellston	89	42		846	621		0.18	0.39	1.08	3.89		
Northwest	94	42	7	841	619	719	0.37	0.67	1.16	4.11	7.90	3.03
Alpena	95	46		767	617		0.24	1.17	2.19	4.78		
Houghton Lake	92	47		869	735		0.30	0.82	1.40	3.85		
Rogers City	93	47		805	595		0.19	1.09	1.93	4.84		
Northeast	95	42	6	839	663	684	0.20	1.24	1.94	4.84	7.75	2.90
Fremont	93	51		994	838		0.16	0.45	0.99	2.80		
Hart	92	48		947	764		0.00	0.22	0.38	3.09		
Muskegon	91	50		984	840		0.30	0.32	0.33	2.99		
West Central	93	45	7	962	796	809	0.37	0.50	0.70	3.04	8.39	2.94
Alma	92	51		1,001	913		0.19	1.66	2.13	4.33		
Big Rapids	92	51		967	870		0.00	0.01	0.01	1.33		
Central	92	49	7	977	885	862	0.20	1.51	1.87	3.77	8.75	3.36
Bad Axe	92	48		893	786		0.01	1.30	3.96	7.36		
Pigeon	92	48		868	770		0.14	1.54	4.12	6.43		
Saginaw	92	53		921	891		0.02	2.05	3.18	6.68		
Standish	92	49		900	779		0.06	1.48	3.20	6.33		
East Central	93	48	4	877	816	839	0.10	1.46	3.52	6.84	7.84	3.08
Fennville	94	49		1,012	884		0.00	0.02	0.39	2.32		
Grand Rapids	92	53		1,044	1,059		0.00	1.52	6.58	9.41		
Holland	94	51		1,044	931		0.00	0.18	0.18	1.43		
South Bend, IN	96	52		1,134	1,151		0.00	0.10	1.69	3.60		
Watervliet	93	51		1,075	998		0.19	0.57	1.80	4.20		
Southwest	96	46	6	1,062	1,007	924	0.11	0.42	1.50	3.88	9.54	3.55
Belding	93	51		976	948		0.05	3.64	5.50	8.86		
Coldwater	92	50		995	983		0.27	1.04	2.44	4.96		
Lansing	92	53		1,037	997		0.27	0.63	4.71	7.49		
South Central	95	50	5	1,022	1,018	926	0.15	0.92	2.89	5.58	9.20	3.57
Detroit	95	52		1,076	1,084		0.36	0.53	1.22	4.82		
Flint	92	47		984	1,059		0.00	0.78	1.90	4.60		
Romeo	94	48		949	967		0.13	0.70	1.68	5.83		
Tipton	95	48		1,032	987		0.13	0.43	1.09	5.02		
Toledo, OH	98	48		1,096	1,169		0.00	0.03	0.40	4.50		
Southeast	99	44	4	1,013	1,045	892	0.17	0.77	1.75	5.68	9.00	3.36

<sup>1</sup> Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.